

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D205-594 Rev. E OR LATER
& INSTRUCTIONS FOR CONTINUOUS AIRWORTHINESS ICA-D205-594 Rev. 4 OR LATER
REF. CANADIAN STC: SH03-6
REF. FAA STC: SR01742NY
REF. EASA STC: 10016828

PURPOSE:

When installed on 214 aircraft, the support clamps on D205-596-101/-101B/-103/-103B/-105/-105B/-107/-107B crosstubes at CHG 003 (and earlier) interfere with the aircraft's cap assemblies. There is no interference when installed on 204/205/210/212/412 series aircraft.

CHANGE:

The DSI 9684-011 Support Kit is available from Dart and contains new supports for crosstubes installed on 214 aircraft. The kit can be installed on existing D205-596-101/-101B/-103/-103B/-105/-105B/-107/-107B to correct the interference problem with the aircraft cap assemblies. The new supports reposition the support clamps to avoid the cap assemblies.

For crosstubes on 214 aircraft, the existing D2893-1 & D2940-1 crosstube supports should be replaced with the new D5017-1 & D5018-1 supports per ICA-D205-594 (section 32.3 and 32.4 of rev. 4 or later revision) using a 13.75" spacing. See Figure 1 of this service instruction for reference.

The D5017-1 & D5018-1 supports have been pre-installed on D205-596-101B/-103B/-105B/-107B crosstubes at CHG 004 or later.

For D205-596-101/-107/-201/-207 crosstubes installed on 214 aircraft, it is recommended that the DSI 9684-011 Support Kit be acquired from Dart and installed per this Service Instruction.

PARTS LIST:

QTY	Part number	Description
X	DSI 9684-011	SUPPORT KIT, 214
2	D5017-1	SUPPORT, 214 FWD
2	D5018-1	SUPPORT, 214 AFT

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: [Signature]
D. SHEPHERD (DE # 02)

DATE: 14.02.06
CERT. NO.: SH03-6
ISSUE NO.: 4

A	NEW ISSUE	CP	14.02.06
REV.	DESCRIPTION	BY	DATE
DESIGN	<u>qp</u>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<u>qp</u>		
CHECKED	<u>A.P.</u>	DRAWING NO.	REV. A
MFG. APPR.	<u>N/A</u>	DSI 9684	SHEET 1 OF 3
APPROVED	<u>[Signature]</u>	TITLE	SCALE
DE APPR.	<u>[Signature]</u>	SUPPORT INSTALLATION ON 214 A/C	NTS
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The parts lists of IIN-D205-594 and ICA-D205-594 are amended as follows:

5.3 CROSSTUBE ASSEMBLIES (IIN-D205-594)
32.11.3 CROSSTUBE ASSEMBLIES (ICA-D205-594)

QTY 596 -101B	QTY 596 -103B	QTY 596 -105B	QTY 596 -107B	Part Number	Description
X				D205-596-101B	CROSSTUBE ASSEMBLY, HI HI FWD (214)
	X			D205-596-103B	CROSSTUBE ASSEMBLY, HI HI AFT (214)
		X		D205-596-105B	CROSSTUBE ASSEMBLY, HI HI FWD (214)
			X	D205-596-107B	CROSSTUBE ASSEMBLY, HI HI AFT (214)

IS:

2		2		D5017-1	SUPPORT, 214 FWD
	2		2	D5018-1	SUPPORT, 214 AFT

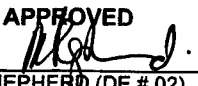
WAS:

2		2		D2893-1	SUPPORT
	2		2	D2940-1	SUPPORT





WEIGHT AND BALANCE:

There is no change to the weight and balance associated with DSI 9684-011 Support Kit.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: 
D. SHEPHERD (DE # 02)

DATE: 14.02.06
CERT. NO.: SH03-6
ISSUE NO.: 4

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN		
CHECKED	A.P.	DRAWING NO. REV. A
MFG. APPR.	N/A	DSI 9684 SHEET 2 OF 3
APPROVED		TITLE SCALE
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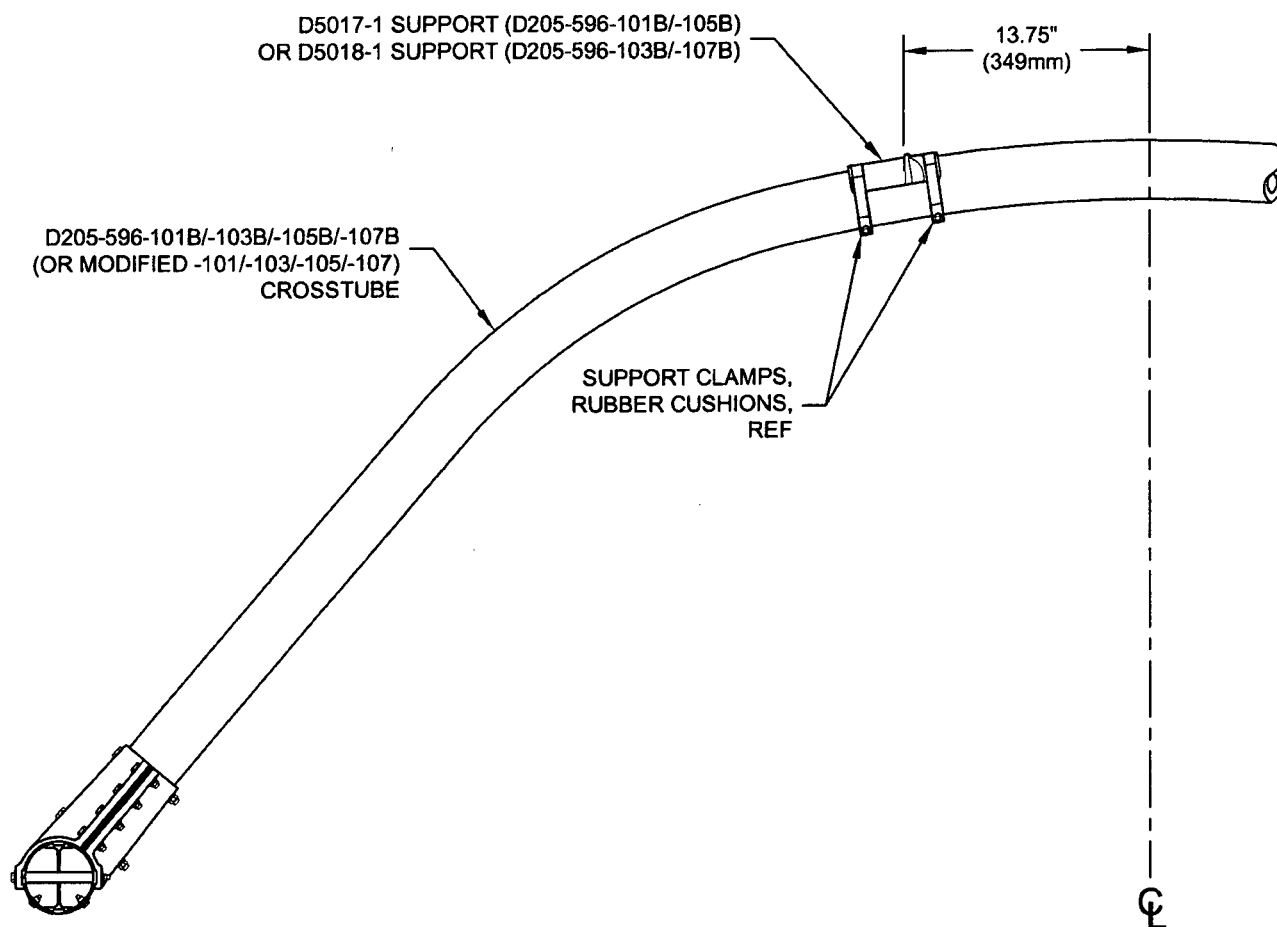

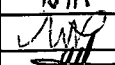
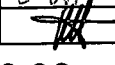


FIGURE 1:
SUPPORT INSTALLATION ON 214 AIRCRAFT

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED 	
BY:	D. SHEPHERD (DE # 02)
DATE:	14.02.06
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MFG. APPR.	<i>N/A</i>	DSI 9684	SHEET 3 OF 3
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